

Recombinant Mouse P4ha1 Protein, Myc/DDK-tagged

Cat. No. P4ha1-4640M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha 1 polypeptide (P4ha1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the post-translational formation of 4-hydroxyproline in -Xaa-Pro-Gly-sequences in collagens and other proteins.
Molecular Mass	60.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	P4ha1 procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha 1 polypeptide [Mus musculus (house mouse)]
Official Symbol	P4ha1
Synonyms	P4HA1; procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha 1 polypeptide; prolyl 4-hydroxylase subunit alpha-1; 4-PH alpha-1; procollagen-proline,2-oxoglutarate-4-dioxygenase subunit alpha-1; P4ha; AL022634
Gene ID	18451
mRNA Refseq	NM_011030
Protein Refseq	NP_035160
UniProt ID	Q60715

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